

FIG. 1



110

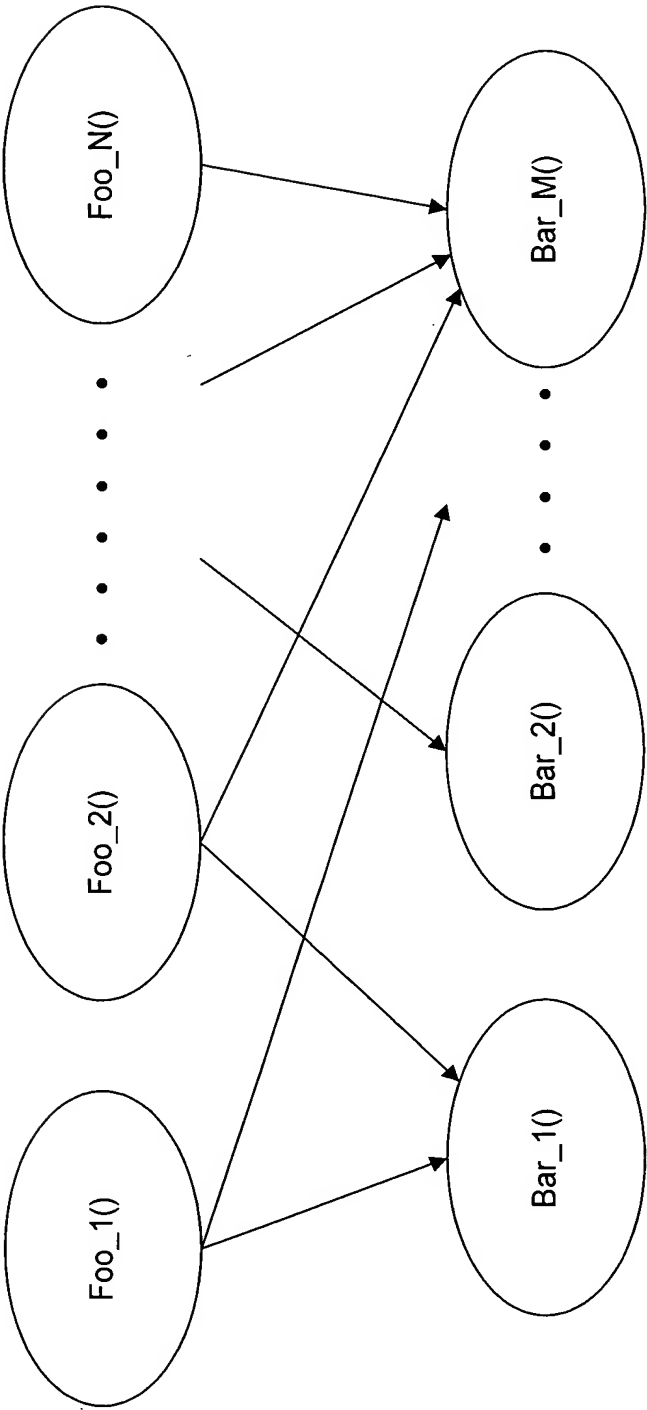


FIG. 2



```
bar(int p) {  
    if (p==0) {  
        310  
        ...  
        320  
    } else {  
        330  
        ...  
        340  
    }  
}  
  
bar_clone_1(int p) {  
    if (p==0) {  
        310  
        ...  
        320  
    }  
}  
  
bar_clone_2(int p) {  
    if (p!=0) {  
        330  
        ...  
        340  
    }  
}
```

FIG. 3

```
#pragma clone bar no_parms_overlap
```

```
int bar(int* p, int* q) {
```

```
410A  for (...){
```

```
    *q++ = ...
```

```
    ...
```

```
    ... = *p++;
```

```
420A }
```

```
}
```

FIG. 4A

```
int bar(char* p, char* q) {
```

```
410B  for (i=0; i < n; i++) {
```

```
    *q++ = *p++;
```

```
420B }
```

```
}
```

FIG. 4B

```
#pragma clone bar parm_value(2)=1
```

```
int bar(int p, int q) {
```

```
410C  if (q != 1) {
```

```
    ...
```

```
420C }
```

```
}
```

FIG. 4C

```
#pragma clone bar parm_value(1) > parm_value(2)
```

```
int bar(int p, int q) {
```

```
410D  if (p <= q) {
```

```
    ...
```

```
420D }
```

```
}
```

FIG. 4D

500

<clone> <original_function_name>_<condition_1>_... <condition_n>

FIG. 5

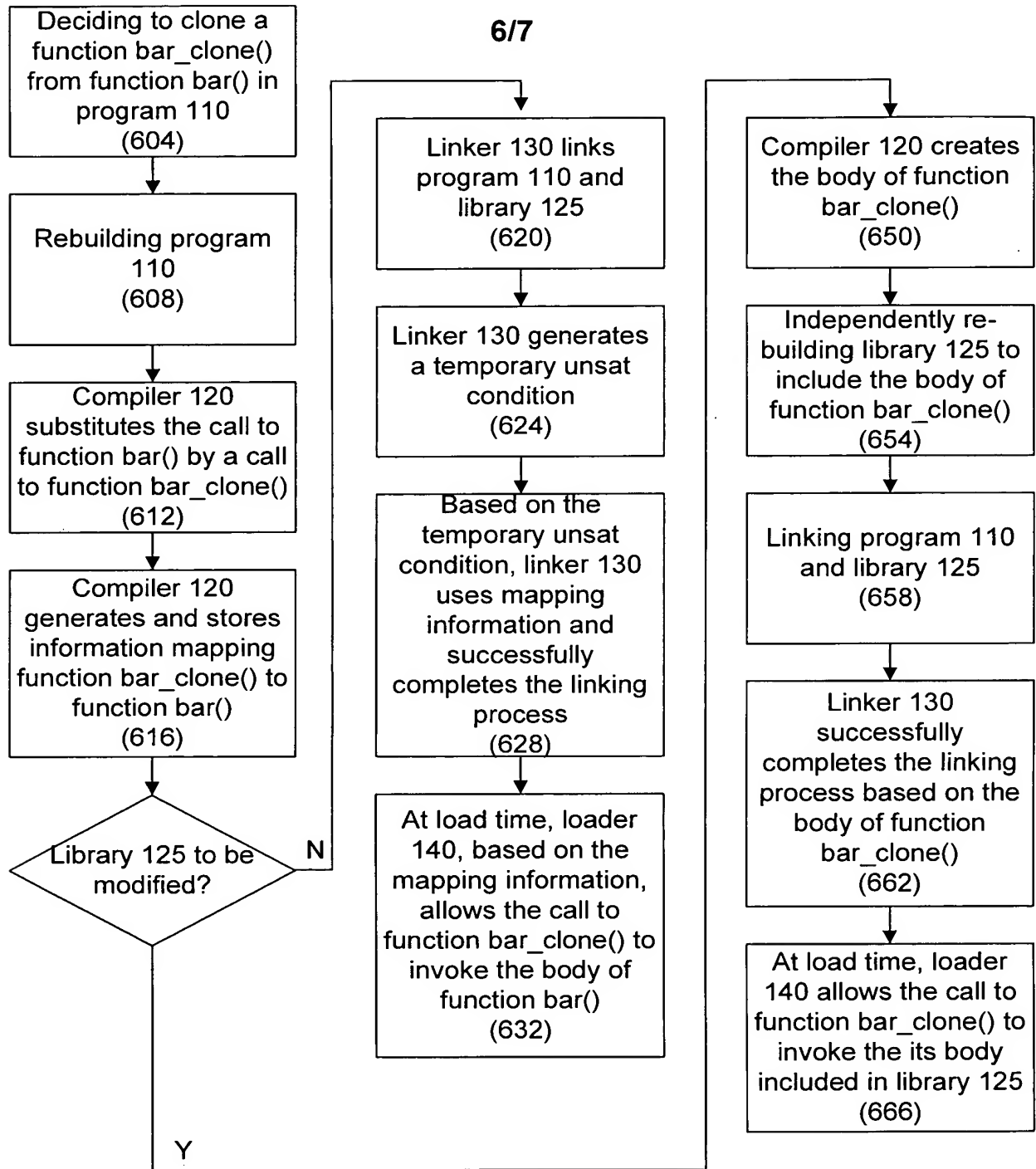


FIG. 6

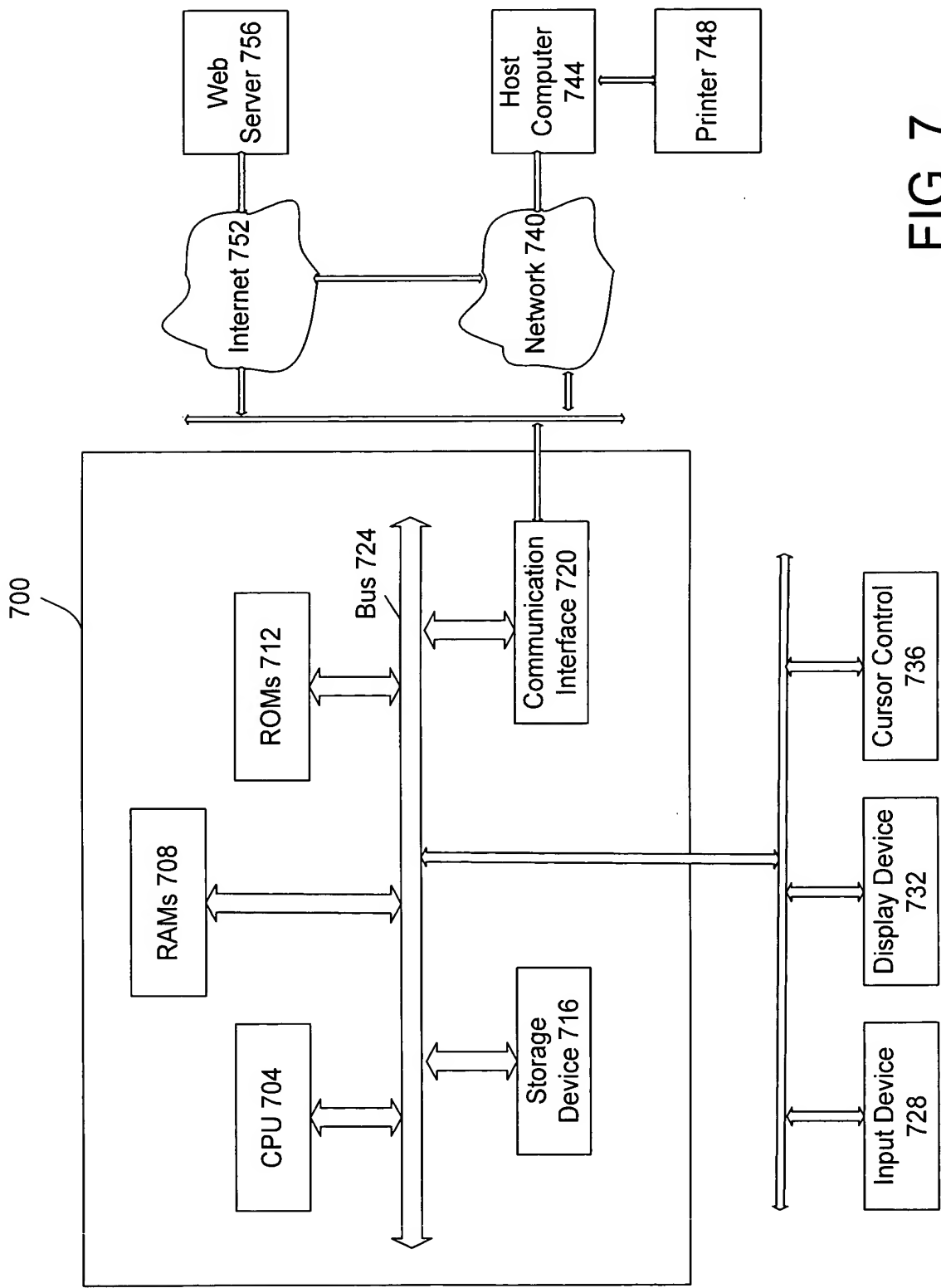


FIG. 7